



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

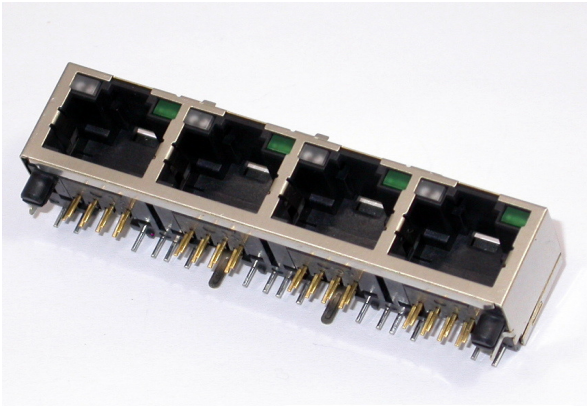
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





SERIES A20

STANDARD RJ45 MODULAR JACKS WITH LED



FEATURES:

- Combined functionality of series A00 :RJ45 Cat.5 Jacks with the signal capabilities of independent LED's mounted within the jack housing.
- Each jack can have one or two LED's.
- LED's available as either a single color with matching colored lens, or as a bi-color variant that utilizes a clear lens.
- Bi-color LED's can be made to change color simply by reversing the voltage polarity.
- Custom LED color combinations are available, as well as, the selective loading of contacts, custom contact plating and special shielding.
- Right angle jacks can be made with a larger housing that allows custom specified filter components
- FCC Compliance: Part 68 Sub Part F
- RoHS Compliant

SPECIFICATIONS:

Housing Material: PBT Polyester, UL 94V-0
 Contact Material: Phosphor Bronze, Gold Plating on Contact Area, Tin Plating on Tail Area all over Nickel underplate
 Current Rating: 1.5A @25°C
 Voltage Rating: 125V AC
 Contact Resistance: 20 mΩ maximum
 Dielectric Withstanding Voltage: 1000Vac
 Insulation Resistance: 500 MΩ minimum
 Durability: 750 cycles minimum
 Operating Temperature: -40°C to +85°C
 Wave Soldering Process: 260°C ± 5°C, 5~10 Seconds

APPLICATIONS:

-Telecommunications:
 Networks, Routers, Server Farms, LAN Adapter Cards
 -Broadcast
 Digital TV, Set Top Boxes, Video Streaming Equipment
 Gaming Consoles, Amplifiers
 -Data Products
 Computers, Computer Peripherals, Consumer Products
PERFORMANCE:
 CAT3: 10 BASE-T
 CAT5: 10/100 BASE-T
 CAT5e: 10/100/1000 BASE-T or Gigabit Ethernet

EXAMPLE PART NUMBER: A20-108-261-310

SERIES:
 RJ45 MODULAR JACK W/ LED

NO. OF PORTS:
 1 - 1 PORT
 2 - 2 PORTS
 .
 8 - 8 PORTS

NO. OF CONTACTS
 08 - 8 CONTACTS ON 1PORT
 16 - 16 CONTACTS ON 2 PORTS
 .
 64 - 64 CONTACTS ON 8 PORTS
 AA - 128 CONTACTS ON DUAL ROW 8 PORTS

CONTACT PLATING:
 2 - GOLD FLASH
 3 - 15 MICROINCHES OF GOLD
 6 - 30 MICROINCHES OF GOLD
 9 - 50 MICROINCHES OF GOLD

CONTACT TAIL TYPE:
 2 - VERTICAL
 6 - RIGHT ANGLE
 7 - VERTICAL SURFACE MOUNT
 8 - RIGHT ANGLE SURFACE MOUNT
 9 - SURFACE MOUNT ONLY IN SINGLE PORT

PORT TYPE:
 0 - SINGLE ROW OF PORT
 1 - TWO ROW OF PORTS

SHIELDING:
 0 - NO SHIELD
 1 - METAL SHIELD

RIGHT LED COLOR:
 0 - BLANK
 1 - YELLOW
 2 - RED
 3 - GREEN
 4 - BI-COLOR (GREEN/YELLOW)
 5 - BI-COLOR (RED/GREEN)
 6 - BI-COLOR (GREEN/ORANGE)
 7 - BI-COLOR (RED/YELLOW)
 8 - ORANGE

LEFT LED COLOR:
 0 - BLANK
 1 - YELLOW
 2 - RED
 3 - GREEN
 4 - BI-COLOR (GREEN/YELLOW)
 5 - BI-COLOR (RED/GREEN)
 6 - BI-COLOR (GREEN/ORANGE)
 7 - BI-COLOR (RED/YELLOW)
 8 - ORANGE

